

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

District and station	Elevation of instruments			Pressure			Temperature of the air										Mean temperature of the dew-point	Mean relative humidity	Precipitation			Wind					Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet, and ice on ground at end of month	Number of days with thunderstorms																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station	Sea level	Departure from normal	Mean max. + mean min. +2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	Greatest daily range	Total			Departure from normal	Days with 0.01 inch or more	Average hourly velocity	Prevailing direction	Maximum velocity																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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<i>Alaska</i>	<i>Ft.</i>	<i>Ft.</i>	<i>Ft.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>°F.</i>	<i>In.</i>	<i>In.</i>		<i>Miles</i>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Late Reports for September 1943

¹ Data are airport records.² Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.³ Observations taken bihourly.⁴ Pressure (adjusted to old city elevation), temperature, and hygrometric data from airport; otherwise city office records.⁵ Temperature and precipitation from city office records, other data from airport.

Note.—Except as indicated by 1, 2, 4, and 5 data in table are city office records.

SEVERAL LOCAL STORMS, OCTOBER 1943

(Compiled by Mary O. Souder)

The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Norfolk, Hampton Roads, and Cape Charles, Va., and vicinities.	Sept. 29-Oct. 1	P. m., Sept. 29.....	150	1	\$20,000.	Gales and heavy rains.	This storm of tropical origin reached these areas on the night of Sept. 29. High tides and heavy rains caused flooding of some streets in the downtown portion of Norfolk. A small ship and several small boats were sunk. Property damage was estimated at \$5,000; loss in crops about \$15,000.
Michigan, eastern, upper and north-central lower peninsulas.	Oct. 16-19					Snow	More than 10 inches fell at several stations. Highway and rail traffic hampered and snow plows were required to clear roads on the 17th; however, all snow had melted by the 20th. Although snowfall in much of southern Lower Michigan and western Upper Michigan was of little consequence this was the third snowiest October of record.
Altus, Okla.	22				250,000	Hail	Severe loss in cotton and feed crops over an area 30 by 7 miles in parts of Greer, Harmon, and Jackson Counties. Near the center of the area, cotton and feed were a total loss. Estimated loss in cotton alone, \$250,000.
Cloud Chief and Cordell, Okla.	22				5,000	do	Much loss in cotton over a path 10 by 5 miles.
Stillwater, Okla.	23				35,000	do	
Coasts of New York and New Jersey.	27					Wind and rain	Severe loss to 40 airplanes at the Municipal Airport. A 75-mile-an-hour wind, accompanied by torrential rains, battered the New York and New Jersey coasts, causing property damage which may run into millions of dollars. High seas, augmented by an incoming tide, raced over breakwaters and poured tons of water and sand over coastal highways the length of New Jersey and Long Island. Vehicular traffic was virtually halted and in some places railroad service was abandoned when roadbeds were washed out. Many cities and towns were without electric service and the Bell Telephone Company reported that 100 of its lines were down in Monmouth County, N. J. Sections of boardwalks in several New Jersey resort cities were swept away. In Wildwood, N. J., and vicinity, 5 public schools were closed, the pupils being marooned in their homes.
Hickman, Nebr., vicinity of	30	P. m.	400	0	4,000	Tornado and hail	Funnel-cloud observed. A considerable fall of hail occurred, but there was no damage, as crops had been previously gathered. Path 5 or 6 miles long.
Lincoln, Nebr., vicinity of	30	do		0	4,000	Tornado	Damage to farm buildings.

¹ Miles instead of yards.